

G Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/068,254
Filing Date	February 4, 2002
First Named Inventor:	Alan M. Vale
Art Unit	2622
Examiner Name	Kelly L. Jerabek
Attorney Docket Number	06783.P022

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1	US-	4,443,786	04-17-1984	Hammerling et al.	
	2	US-	4,992,887	02-12-1991	Aragaki, Masami	
	3	US-	5,067,029	11-19-1991	Takahashi	
	4	US-	5,172,227	12-15-1992	Tsai et al.	
	5	US-	5,249,053	9-28-1993	Jain	
	6	US-	5,412,427	05-02-1995	Rabbani et al.	
	7	US-	5,526,047	06-11-1996	Sawanobori	
	8	US-	5,548,789	08-20-1996	Nakanura	
	9	US-	5,552,824	09-03-1996	DeAngelis et al.	
	10	US-	5,652,621	07-29-1997	Adams, Jr. et al.	
	11	US-	5,657,077	08-12-1997	DeAngelis et al.	
	12	US-	5,682,152	10-28-1997	Wang et al.	
	13	US-	5,734,831	03-31-1998	Sanders	
	14	US-	5,754,227	05-19-1998	Fukuoka	
	15	US-	5,761,655	06-02-1998	Hoffman	
	16	US-	5,790,878	08-04-1998	Anderson et al.	
	17	US-	5,798,794	08-25-1998	Takahashi	
	18	US-	5,818,525	10-06-1998	Elabd	
	19	US-	5,826,023	10-20-1998	Hall et al.	
	20	US-	5,835,580	11-10-1998	Fraser	
	21	US-	5,848,193	12-08-1998	Garcia	
	22	US-	5,870,383	02-09-1999	Eslambolchi et al.	
	23	US	5,880,856	030-9-1999	Ferriere	
	24	US-	5,896,502	04-20-1999	Shieh et al.	
	25	US-	5,913,088	06-15-1999	Moghadam et al.	
	26	US	5,915,112	06-22-1999	Boucher, David C.	
	27	US-	5,917,542	06-29-1999	Moghadam et al.	
	28	US	5,928,325	07-27-1999	Shaughnessy et al.	
	29	US-	6,008,847	12-18-1999	Bauchspies	
	30	US	6,009,201	12-28-1999	Acharya	

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Attorney Docket Number	06783.P022

Sheet **2** of **5****U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	31	US	6,020,920	02-01-2000	Anderson	
	32	US-	6,023,585	08-02-2000	Perlman et al.	
	33	US	6,028,807	02-22-2000	Awsienko	
	34	US	6,031,964	02-29-2000	Anderson	
	35	US-	6,064,437	05-16-2000	Phan et al.	
	36	US	6,067,383	05-23-2000	Taniguchi et al.	
	37	US	6,085,249	07-04-2000	Wang et al.	
	38	US-	6,091,777	07-18-2000	Guetz et al.	
	39	US	6,094,689	07-25-2000	Embry et al.	
	40	US-	6,101,320	08-08-2000	Schuetze et al.	
	41	US	6,104,430	08-15-2000	Fukuoka	
	42	US	6,125,201	09-26-2000	Zador	
	43	US	6,128,413	10-03-2000	Benamara	
	44	US	6,154,493	11-28-2000	Acharya et al.	
	45	US-	6,157,746	12-05-2000	Sodagar et al	
	46	US-	6,163,604	12-19-2000	Baulier et al.	
	47	US-	6,195,026	02-27-2001	Acharya	
	48	US-	6,198,941 B1	03-06-2001	Aho et al.	
	49	US	6,202,060	03-13-2001	Tran, Bao Q.	
	50	US	6,243,420	06-05-2001	Mitchell et al.	
	51	US	6,269,481	07-31-2001	Perlman et al.	
	52	US	6,285,471	09-04-2001	Pornbacher	
	53	US	6,285,775	09-04-2001	Wu et al.	
	54	US	6,311,215 B1	10-30-2001	Bakshi et al.	
	55	US	6,330,068 B1	12-11-2001	Matsuyama	
	56	US	6,335,783	01-01-2002	McDonald	
	57	US	6,336,142	01-01-2002	Kato et al.	
	58	US-	6,348,929	02-19-2002	Acharya et al.	
	59	US-	6,360,252 B1	03-19-2002	Rudy et al.	
	60	US-	6,385,177 B1	05-07-2002	Suda et al.	

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	61	US-	6,392,897	05-21-2002	Tanaka et al.	
	62	US-	6,392,899	05-21-2002	Acharya	
	63	US-	6,400,903	06-04-2002	Conoval	
	64	US-	6,417,882	07-09-2002	Mahant-Shetti	
	65	US-	6,417,913	07-09-2002	Tanaka	
	66	US-	6,423,892	07-23-2002	Ramaswamy	
	67	US-	6,424,739	07-23-2002	Ukita et al.	
	68	US-	6,445,412	09-03-2002	Shiohara	
	69	US-	6,449,658 B1	09-10-2002	Lafe et al.	
	70	US-	6,457,044 B1	09-24-2002	IwaZaki	
	71	US-	6,459,816	10-01-2002	Matsuura et al.	
	72	US-	6,463,177	10-08-2002	Li et al.	
	73	US-	6,480,853 B1	11-12-2002	Jain	
	74	US-	6,487,717	11-26-2002	Brunemann et al.	
	75	US-	6,505,236 B1	01-07-2003	Pollack	
	76	US-	6,507,864	01-14-2003	Klein et al.	
	77	US-	6,509,910 B1	01-21-2003	Agarwal et al.	
	78	US-	6,512,919	01-28-2003	Ogasawara	
	79	US-	6,539,169	03-25-2003	Tsubaki et al.	
	80	US-	6,598,076	07-22-2003	Chang et al.	
	81	US-	6,600,930 B1	07-29-2003	Sakurai et al.	
	82	US-	6,734,994 B2	05-11-2004	Omori	
	83	US-	6,742,043 B1	05-25-2004	Moussa et al.	
	84	US-	7,034,871	04-25-2006	Parulski et al.	
	85	US-	7,103,357	09-15-2006	Kirani et al.	
	86	US-	2001/0002845	06-07-2001	Tamashima	
	87	US-	2001/0019359 A1	09-06-2001	Parulski et al.	
	88	US-	2001/0049648 A1	12-06-2001	Naylor et al.	
	89	US-	2001/0054075 A1	12-20-2001	Miyanaga	
	90	US-	2002/0120693 A1	08-29-2002	Rudd et al.	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published	T ²
	102	FOLEY, JAMES D., et al., Book Title: Computer Graphics: Principles and Practice, 2nd Edition, Chapter 13, "Achromatic and Colored Light", Addison-Wesley (June 15, 1990) Reading, MA, pp. 563-604	
	103	HASKELL, B. G., et al., Book Title: Digital Video: An Introduction to MPEG-2, Chapter 5 "Video Basics" Chapman and Hall, July 1997, pp. 80-109.	
	104	LI, JIN, et al., "Coding Artifact Removal with Multiscale Postprocessing," Proceedings, - IEEE International Conference on Image Processing '97, Santa Barbara, CA, October 27-29, 1997, pp. 44-48	
	105	MANN, STEVE, "The Wireless Application Protocol," Dr. Dobb's Journal, October 1999, pp. 56-66	
	106	NELSON, M., et al., "The Data Compression Book," Second Edition, Chapters 4 & 5, pp. 75-152, M&T Books, 1996.	
	107	NELSON, M., et al., "The Data Compression Book," Second Edition, Chapter 11, Lossy Graphics Compression (portion at pp. 326-330), M&T Books, 1996.	
	108	PARKER, T., et al., Book Title: TCP-IP Unleashed, Chapter 2: "Overview of TCP-IP," Sams Publishing, June 1996, pp. 1-27.	
	109	PENNEBAKER, WILLIAM B., et al., Book Title: JPEG - Still Image Compression Standard, January 1993, Chapter 16 "JPEG Enhancements", pp. 261-266.	

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